Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A telephony system including a <u>wireless local loop</u> telephony terminal, said telephony terminal comprising:

a phone connection for connecting a telephone, said telephone including a user interface;

a network connection for connecting to a <u>wireless wide area</u> network,

<u>wherein said wireless wide area network provides access to a conventional telephone</u> <u>network and high-speed data access to the Internet</u>; and

a controller connected to said phone connection and to said <u>wireless wide area</u> network connection,

wherein said controller provides a phone service for processing information for said phone connection,

wherein said controller provides a network service for processing information for said network connection, and

wherein said controller provides a network voice service for converting information to and from a network voice format;

wherein when said telephone is coupled to said <u>wireless local loop</u> telephony terminal using said phone connection, said telephone provides internet services using said user interface.

2. (Original) The telephony system of claim 1, wherein:

said phone connection is an RJ-11 connection.

3. (Original) The telephony system of claim 1, wherein:

said phone connection is a USB connection.

4. (Original) The telephony system of claim 1, wherein:

said network connection is an RJ-45 connection.

5. (Original) The telephony system of claim 1, wherein:

said network connection is a broadband connection.

6. Canceled.

7. (Currently Amended) The telephony system of claim 1-6, wherein:

said wireless wide area network connection is a CDMA network connection.

8. (Original) The telephony system of claim 1, wherein:

said network voice format supports sending voice data in an IP network.

9. (Original) The telephony system of claim 1, further comprising:

a radio interface connected to said controller; and

an antenna connected to said radio interface.

10. (Original) The telephony system of claim 1, further comprising:

a peripheral connection connected to said controller for connecting to a peripheral device.

11. (Original) The telephony system of claim 10, wherein:

said peripheral connection is a USB connection.

12. (Original) The telephony system of claim 10, wherein:

said peripheral connection is for connecting to a computer system.

13. (Original) The telephony system of claim 1, further comprising:

a control connection connected to said controller for transferring control information to and from said telephone connected to said phone connection.

14. (Original) The telephony system of claim 1, wherein:

said controller provides a browser service for supporting transferring information for browser applications between said phone connection and said network connection.

3

15. (Original) The telephony system of claim 14, wherein:

said browser service supports a web browser application.

16. (Original) The telephony system of claim 1, wherein:

said controller provides a message service for supporting transferring information for message applications between said phone connection and said network connection.

17. (Original) The telephony system of claim 16, wherein:

said message service supports an email application.

18. (Original) The telephony system of claim 1, wherein:

said controller provides a G3 fax service for supporting transferring information for fax conversions between said phone connection and said network connection.

19. (Original) The telephony system of claim 1, wherein:

said controller provides a voicemail service for supporting transferring information for voicemail between said phone connection and said network connection.

20. (Original) The telephony system of claim 1, further comprising:

a GPS system connected to said controller.

21. (Original) The telephony system of claim 20, wherein:

said controller supports precision differential GPS positioning using said GPS system.

22. (Original) The telephony system of claim 1, wherein:

said controller supports backing up data from said telephone.

23. (Original) The telephony system of claim 1, wherein:

said controller supports PIM information management.

24. (Original) The telephony system of claim 1, wherein:

said controller supports wireless terminal provisioning.

25. (Original) The telephony system of claim 1, wherein:

said network connection is also for connecting to a wireless terminal.

26. (Currently Amended) A method of sending data to a <u>wireless wide area</u> network, comprising:

coupling a telephone to a <u>wireless local loop</u> telephony terminal using a phone connection at said <u>wireless local loop</u> telephony terminal, said telephone including a user interface,

wherein said coupling of said telephone to said <u>wireless local loop</u> telephony terminal provides internet services to said telephone using said user interface;

receiving information through said phone connection at said <u>wireless local loop</u> telephony terminal,

wherein said information indicates a service;

preparing intermediate information based on said information according to said indicated service;

preparing network data based on said intermediate information according to a network protocol for a-<u>said wireless wide area</u> network connected to said <u>wireless local loop telephony</u> terminal,

<u>wherein said wireless wide area network provides access to a conventional telephone network and high-speed data access to the Internet</u>; and

sending said network data to said <u>wireless wide area</u> network.

27. (Original) The method of claim 26, wherein:

said phone connection is an RJ-11 connection.

28. (Original) The method of claim 26, wherein:

said phone connection is a USB connection.

29. (Original) The method of claim 26, wherein:

said network connection is an RJ-45 connection.

30. (Original) The method of claim 26, wherein:

said network connection is a broadband connection.

31. Canceled.

32. (Previously Presented) The method of claim 26, wherein:

said network protocol is CDMA.

33. (Original) The method of claim 26, wherein:

said service is a voice over IP service.

34. (Original) The method of claim 26, wherein:

said service is an email service.

35. (Original) The method of claim 26, wherein:

said service is a browser service.

36. (Original) The method of claim 26, further comprising:

receiving control information through a control connection from said telephone;

wherein preparing said intermediate information includes using said control information.

37. (Original) The method of claim 26, wherein:

sending said network data to said network includes sending said network data to a
wireless terminal providing a wireless connection to said network.

38. (Currently Amended) A method of processing data from a <u>wireless wide area</u> network, comprising:

receiving information through a network connection at a <u>wireless local loop</u> telephony terminal, wherein said network connection is connected to a <u>said wireless wide area</u> network and said information indicates a service<u>,</u>

<u>wherein said wireless wide area network provides access to a conventional telephone network and high-speed data access to the Internet</u>;

preparing intermediate information based on said information according to said indicated service;

preparing phone information based on said intermediate information according to a protocol for a telephone connected to said <u>wireless local loop telephony</u> terminal, said telephone including a user interface; and

coupling said telephone to said <u>wireless local loop</u> telephony terminal to receive said phone information,

wherein said coupling said telephone to said <u>wireless local loop</u> telephony terminal provides internet services to said telephone using said user interface.

39. (Original) The method of claim 38, wherein:

said phone connection is an RJ-11 connection.

40. (Original) The method of claim 38, wherein:

said phone connection is a USB connection.

41. (Original) The method of claim 38, wherein:

said network connection is an RJ-45 connection.

42. (Original) The method of claim 38, wherein:

said network connection is a broadband connection.

43. Canceled.

44. (Currently Amended) The method of claim 38 ~~43~~, wherein:

said wireless <u>wide area network</u> ~~connection~~ is a CDMA <u>network</u> ~~connection~~.

45. (Original) The method of claim 38, wherein:

said service is a voice over IP service.

46. (Original) The method of claim 38, wherein:

said service is an email service.

47. (Original) The method of claim 38, wherein:

said service is a browser service.

48. (Original) The method of claim 38, further comprising:

receiving control information through a control connection from said telephone;

wherein preparing said intermediate information includes using said control information.

49. (Original) The method of claim 38, wherein:

receiving information through said network connection includes receiving said information from a wireless terminal, and

said network connection is connected to said network through said wireless terminal providing a wireless connection to said network.

50. (Currently Amended) A system including a <u>wireless local loop</u> telephony terminal, for sending data to a <u>wireless wide area</u> network, comprising:

a telephone coupled to said <u>wireless local loop</u> telephony terminal using a phone connection at said <u>wireless local loop</u> telephony terminal, said telephone including a user interface,

wherein said coupling of said telephone to said <u>wireless local loop</u> telephony terminal provides internet services to said telephone using said user interface;

means for processing information received through said phone connection at said <u>wireless local loop</u> telephony terminal, wherein said information indicates a service;

8

means for preparing intermediate information based on said information according to said indicated service;

means for preparing network data based on said intermediate information according to a network protocol for a said wireless wide area network connected to said wireless local loop telephony terminal,

wherein said wireless wide area network provides access to a conventional telephone network and high-speed data access to the Internet;

means for sending said network data to said wireless wide area network.

51. (Currently Amended) A system including a wireless local loop telephony terminal, for processing data from a wireless wide area network, comprising:

means for processing information received through a network connection at said wireless local loop telephony terminal, wherein said network connection is connected to a said wireless wide area network and said information indicates a service,

wherein said wireless wide area network provides access to a conventional telephone network and high-speed data access to the Internet;

means for preparing intermediate information based on said information according to said indicated service;

means for preparing phone information based on said intermediate information according to a protocol for a telephone connected to said wireless local loop telephony terminal;

means for sending said phone information to said telephone, said telephone including a user interface,

wherein when said telephone is coupled to said wireless local loop telephony terminal, said telephone provides internet services using said user interface.

52. (Previously Presented) The telephony system of claim 1, wherein:
said internet services include browser service.

53. (Previously Presented) The telephony system of claim 1, wherein:
said internet services include email service.

54. (Previously Presented) The method of claim 26, wherein:
said internet services include browser services.

55. (Previously Presented) The method of claim 26, wherein:
said internet services include email service.

56. (Previously Presented) The method of claim 38, wherein:
said internet services include browser service.

57. (Previously Presented) The method of claim 38, wherein:
said internet services include email services.

58. (Previously Presented) The system of claim 50, wherein:
said internet services include browser service.

59. (Previously Presented) The system of claim 50, wherein:
said internet services include email service.

60. (Previously Presented) The system of claim 51, wherein:
said internet services include browser service.

61. (Previously Presented) The system of claim 51, wherein:
said internet services include email service.